Initiate/request session

Response/successful session initiation

Authentication

Authentication response

Request

Response

Session termination

110

105

Fig. 1

Initiate/request session
Response/successful session initiation
Requests/Responses
Session termination

205
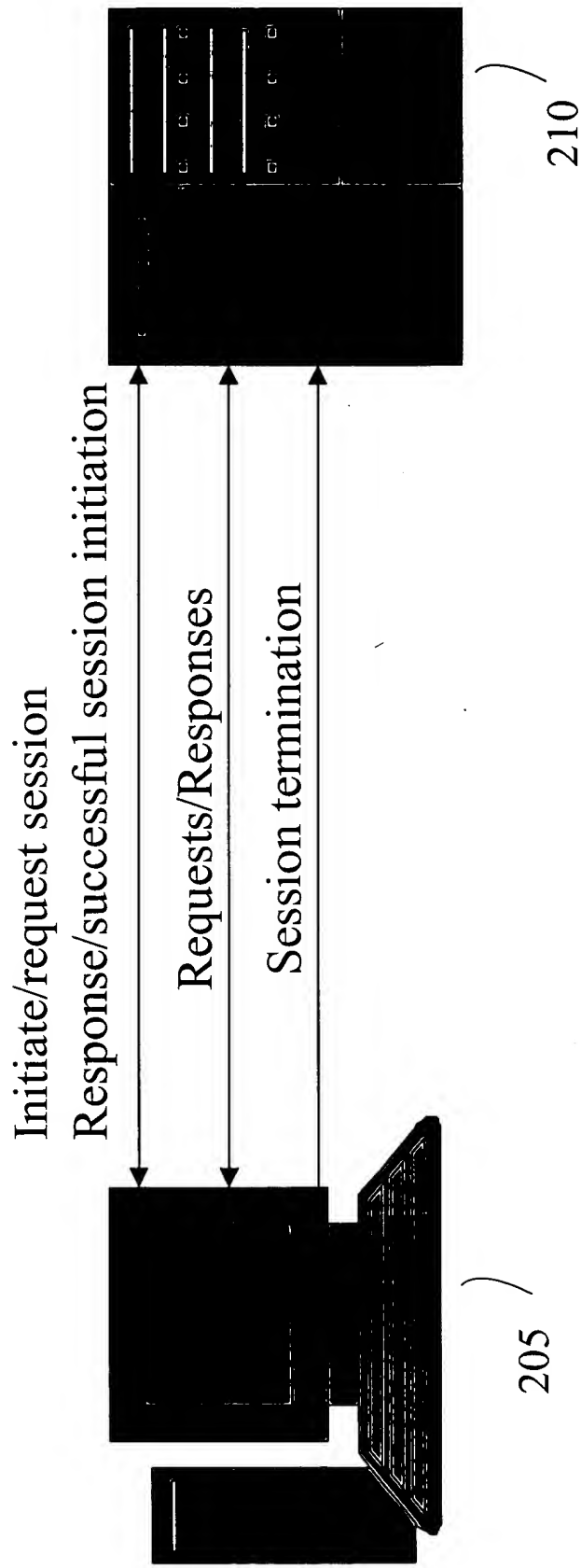
210

Fig. 2

**Requests that reference objects:**

`<search>`     retrieve the attribute values for a set of objects that satisfy a filter

`<retrieve>` retrieve the attribute values for a specified resultset

`<delete>`     delete the objects that satisfy a filter

`<modify>`     change the attribute values for the objects that satisfy a filter

`<count>`      count the number of the objects that satisfy a filter

`<create>`     create a new object (in one substore) and expose it to the rest of the stores

`<expose>`     expose an already created object to the rest of the stores

**Administrative requests:**

`<auth>`        client turn in an authentication sequence

`<list/>`      list server data of various kinds

`<help/>`     return usage information

# Fig. 3

**General Error Response:**

`<error-response>`     return an error from the corresponding request

**Responses to requests that reference objects:**

`<search-response>`     return a resultset containing the attributes

`<retrieve-response>` return a resultest containing the attributes

`<delete-response>`     return a resultset with the deleted object ids

`<modify-response>`     return a resultset for the modified objects

`<count-response/>`     return the number of objects that satisfied the filter

`<create-response>`     return a resultset with the new object

`<expose-response>`     return a resultset with the exposed objects

**Administrative request responses:**

`<auth-response>`     server response in an authentication protocol

`<list-response>`     server data that was requested

`<help-response>`     usage information

# Fig. 4